

Application No. 09/928,619

**Amendments to the Specification:**

1. Please **replace** the following amended paragraph for the pending paragraph beginning on page 19, line 27:

91 In this embodiment, each class  $Class_i$  is represented by a corresponding rule  $r_i$  that consists of just one condition, where DocumentFuzzySet and FuzzySetForClass<sub>i</sub> are fuzzy sets of the form  $\{f_1/\mu_1, \dots, f_n/\mu_n\}$ , and of a class filter that is a monotonic function having adjustable parameters/form, where feature indexes the range from 1 to n and  $\mu_i$  denotes the membership value associated with feature  $f_i$  [1].